## PERMANENT HIGHWAYS MUST FOLLOW THE WAR

Virginia's Limited Experiments Have Not Solved the Good Roads

Problem. LESSONS THE WAR HAS TAUGHT

der.

"It is significant to note that the new construction is with more permanent materials. A large mileage of conterection is with more permanent materials. A large mileage of conterection is with more permanent materials. A large mileage of conterection is with more permanent materials. A large mileage of conterect roads had large mileage of conterect roads had large mileage of war activities and layer indestruct able when properly built. One of the most notable ters payements have been put to has been in Newport News, where tremendous run traffle has been in Newport News, where tremendous run traffle has been brick, asphalt being traditional and the one payement ing of army trucks, tractors and cannon is the modern content expensed in the content work has been started in Tulsa, Oklai, and a late of a my trucks, tractors and cannon is the modern content of a my trucks, tractors and cannon is the modern content of the content of a my trucks, tractors and cannon is the modern content of the content of a my trucks, tractors and cannon is the modern content one and one-half parts sand and three powerment one and one-half parts sand and three powerment one and one-half parts sand and three powerment one and one-half parts sand and three parts gravel or drainage.

"The plain lesson before us is to build permanently. It is a policy that satisfies the man who foots the bill in fact, it is a blunder to build in any other way."

SAND-CLAY BLEND PROYED

A DISMAL FAILURE

Virginia has spent a good deal of moley in the last few years building highways, or more properly speaking, perhaps, in experimenting with the empty of the case had no lasting qualities.

In some barts of the State the peoment of the case had no lasting qualities.

In some barts of the State the peoment of the case had no lasting qualities.

In some barts of the State the peoment of the case had no lasting qualities.

In some barts of the State the peoment of the case had no lasting qualities.

In some barts of the State the peoment of the case had no

In some parts of the State the people thought they had struck a happy medium in the sand-clay blend and miles of that kind of road were built. They were all right for a year or two and might have been all right for several more winters if they had been kept in proper repair and the split log drag had been made to do its perfect work after the rainfalls of spring and autumn, but after the roads were made, there was no money left for repairs and too soon the sand-clay blends were as bad as the old mud paths, their predecessors.

WITH THE PEOPLE

WITH THE PEOPLE

In other parts of the State, here and there the macadam was tried and, of course, at greater expenses. They have lasted very much longer than the sand-clay roads, but it has been demonstrated that the macadam, too, requires constant repair work, and without it they are not to be called permanent roads.

The gentleman interviewed above has investigated the roads the government engineers have put through in Tidewater Virginia and after noting the hard service to which they were put he has reached the conclusion that it is a bundler to build any leading theroughface in Virginia of anything less durable than concrete construction.

Of course it would be well enough

Of course it would be well enough, if a county has its main market highway made of concrete, to build connecting lines go macadam and even of sand-clay blend, but the war has taught us that the concrete highway is the cheaper in the long run. Virginians are studying the highway question as they never studied it before.

## WOMENFOLKS AT WORK

. In Agricultural Pursuits, at the Bar and Elsewhere—"Made in Amer-len" Movement On,

The statistics show that women lawyers and judges in the United States how total well over 600, and they are still a-coming.

The only occupations open to women a century ago were teaching school, dressmaking and keeping house. It is far different now, and the world is better off for the difference.

One million eight hundred thousand women are now engaged in agricultural and dairying pursuits in this country, and it is said that 750,000 of these are to-day under twenty-one women surpressitting in the superior courts of that city have been granted permission to knit while listening to the trial proceedings.

A series of meetings called "Made in America Week," are being promoted throughout the United States by the American Defense Society. The object is purely industrial.

When Miss Daisle Dunn, of Paris, Ont., received her graduation diploma at the Brantford general hospital she received a bequest of \$100,000 for the country of the trial proceedings.

A series of meetings called "Made in America Week," are being promoted throughout the United States by the American Defense Society. The object is purely industrial.

When Miss Daisle Dunn, of Paris, Ont., received her graduation diploma at the Brantford general hospital she received a bequest of \$100,000 for the creek for man and the Brantford general hospital she received a bequest of \$100,000 for the creek for man and the Brantford general hospital she received a bequest of \$100,000 for the creek for man and the Brantford general hospital she received a bequest of \$100,000 for the creek for man and the Brantford general hospital she received a bequest of \$100,000 for the creek for man and the Brantford general hospital she received a bequest of \$100,000 for the creek for the creek for the plant for the enlargement of the plant located at this place. The plant located at this place for the enlargemen

## FORESTER CONVENTION

Meeting of Interest to Southern Coastal Plains Be Held in Jackson-ville This Week.

JACKSONVILLE. FLA. December 28.—It is now settled that there will be a large attendance upon the meeting here next week of the Southern Foresters. Colone II S Graves, of the United States Forest Service, will be the presiding officer and representatives are expected from all of the Southern States east of the Mississippi River, and will include State foresters for east of the Mississippi River, and will include State foresters from educational institutions, prominent lumbermen and others interested in the subject of forest conservation and protection.

The first day's sessions will be of a professional nature, the second day's sessional mature, the second day's sessional mature, the second day's sessions will be open, while on the third day there will be a field trip. Topics other than those mentioned may be discussed, for instance, wood-puip production in the South.

A number of subjects are to be considered with reference to coastal plain conditions. Among them are "Railroad Fire Protection," 'Forest Investigations," "Publicity and Education," "Forestry and the Forest Industries," "Cut-Over Land Utilization and State Forest Policy," and "A Forestry Code for Southern States."

The Times-Dispatch prints pore

The Times-Dispatch prints more flassified advertising than any other Richmond newspaper. When you need something quickly use a Times-Dis-patch Want Ad. Phone Randolph 1.

Government experts have shown that potato flour runs 2 per cent higher in food value than wheat flour. It is not a substitute for wheat flour, but a valuable supplement to it. It probably always will command a higher price. Three or four potato flour mills in Eastern Virginia would pay and would be a good thing for the potato growers of all of this section.

Views of One Who Has Investigated Government-Built Roads in Tidewater Virginia—Concrete Highway Is Costly, but Cheaper in Eucl.

One of the lasting lesson farist brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that transported in the brought out by the war is that the dark is a well-known fact that Virginia is a well-known fact that Virginia is going to spend a great land of money in the near future in road, building sees without saving.

A Richmond man who takes great in the other matters bording to the air in other matters and who has been given the best interests, and who has been given the proposed a great and trained the proposed a great and the proposed a great in the other matters and ground mine in Virginia.

As an investigation of broads a fine of the proposed a great in the proposed a

### SOME FACTS FROM AFAR

Notes and Comments on Industrial Effort in Lands Far Be-yond the Sens.

It is estimated that there are 200,-000 square miles of coal fields in China. Four factories in Denmark are now manufacturing binder twine from paper, an industry that the war forced on that country on that country.

Holland's mines are now said to be

bromised.

Owing to the shortage in imported handkerchiefs, the only factory of that kind in all of Canada nas had to speed up until its output is now said to be 500 dozen a day.

Seawced offers a prolific source of fuel oil when present supplies are exhausted, according to an enthusiastic English professor, who claims to have obtained seven gallons from a ton of vegetable matter.

Storage Warehouse at Newport News.

NEWPORT NEWS, VA., December 28,

A new storage warehouse, to cost about \$20,030, is to be erected here early in the New Year. Wilkins & Robinson Co., Inc., and J. W. Robinson are to be the owners. They have let the centract for the new building to C. C. Vellines, contractor, of this city.

Asthma, and we want you to try it at our expense. No matter whether your case is of long-standing or recent decase is of long-standing or recent development, whether it is present as occasional or chronic Asthma, you should send for a free trial of our method. No matter in what climate you live, no matter what your age or oc-cupation, if you are troubled with asthma, our method should relieve you JACKSONVILLE, PLA. December

.......

## VIEWS AND NEAR VIEWS; HINTS AND SUGGESTIONS | WAR-TIME PROSPERITY CAN BECOME PERMANENT

Elizabeth City County Will Keep Full Hand Drawn in the War Shuffling and Dealing.

MANY ADVANTAGES IN COUNTY

Government Took Advantage of Lo-

TRANSPORTATION FACILITIES

The climate is excellent and the health of the people of the county is above the average. The transportation facilities are all that could be asked. The Chesapeake and Ohio Railroad gives an outlet to Richmond and to the West, and the electric railways furnish quick transportation pretty much all over the lower peninsula, while, the county being almost surrounded by navigable waters, the people have no trouble shipping to any point in the known world and no trouble in getting anywhere they want to go.

Because of this most favorable to

Because of this most favorable to Because of this most favorable location there is daily communication by steamers with Norfolk, Richmond, Washington, Baltimore, Philadeiphia and New York, While the big boats of the New York, Philadeiphia and Norfolk Railway keep them in double daily touch with that line of railway. Thus it happens that Ellzabeth City County industries and farming and trucking interests have all the markets of the world right at their door, as it were.

No county in Virginia or anywhere else has profited more by the war than Elizabeth City County. This war, like all the others this country was ever involved in, drew a great many people from all quarters of the globe to the county, and they have sounded its fame all over creation. The war has also started numerous industries within the county, not all of them being confined to Hampton, and but few if any of them expecting to be permanent, but merely to last through war times. However, the newcomers, who are, or were, interested in these war time industries, have become much interested in Elizabeth City County and Hampton, and the probability is that TO BE MADE PERMANENT

WAR TIME PROSPERITY

a majority of them will become permanent citizens and permanent managers of big industries.

The home people are determined that the prosperity which war has brought shall be permanent, if the trick can be worked, and already there are movements on foot, some of which have practically materialized, to convert these war time and governmental industries into peace time plants and get the whole county, especially Hampton, into the profitable business of converting swords into plowshares, and all the like of that.

There seems indeed to be a bright future for Elizabeth City County, and the probability is that in a few years it will rank among the richest and busiest counties in all of Virginia.

All OVER THE COUNTRY

appropriation tops the record in the metropolis.

Tampa, Fla., according to the census of 1910, had a population of 37,782. It is the metropolis of the west coast of Southern Florida. The chief business is tobacco manufacturing, the city containing more than 100 clgar factories. Phosphate is shipped in large quantities, also fruit and vegetables for the Northern markets.

### WORK ON THE CAPE FEAR

Obstructions to Navigation to Be Removed—Eight-Foot Channel Coming in the End.

FAYETTEVILLE, N. C., December 28.—The inland waterways division of the United States War Department has, according to information received here this week, assured Senator Simmonds, of this State, that the obstructions impeding navigation on the Cape Fear River, between this city and Wilmington, will be removed by dredging.

It is furtner stated that this work will be continued for keeping a clear channel until the permanent improvement of the river, designed to provide a minimum depth of eight feet, can be made.

There has recently been complaint on the part of business men both here and in Wilmington that the improvement was not being carried out in accordance with the original plans. Hence this report is received here with Hence this report is received here with the original plans.

he made.

There has recently been complaint on the part of business men both here and in Wilmington that the improvement was not being carried out in accordance with the original plans. Hence this report is received here with much interest.

Glass Works Making Additions. LYNCHBURG, VA., December 28.— The Lynchburg Glass Works, which re-cently increased its capital stock from \$300,000 to \$450,000 for the purpose of enlarging the plant, has let the con-tract for the erection of an addition to the plant to be used solely for the purpose of manufacturing class food purpose of manufacturing glass food containers. The capacity will be three carloads of goods per day.

Heating Plant to Be Rebuilt.

FORTRESS MONROE, VA., December 28,—Commander Macklin, of the Hampton Roads navy base, announces that the Navy Department plans to rebuild at once the steam-heating plant at the Norfolk Navy-Yard, which was recently damaged by fire, the loss exceeding \$20,000.

manager, and Walter C. Rawles, secretary-treasurer. The company already has contracts for the construction of several miles of concrete roads as well as bridges and a dock.

New Industry Goes to Denton.

DENTON, N. C., December 28,—A new industrial plant is going up here. The Chamberlain-Garner Co., with author-

Department Store Advertising was heavier in The Times-Dispatch in November, 1918, than in November, 1917, Times-Dispatch advertising produces and put in operation by early spring-time.

## ALL OVER SOUTHLAND

A farmers' co-operative creamery has seen incorporated to do business at Zamden, S. C.
F. C. Doss and T. J. Davis, of Atanta, Ga., have purchased 5,000 acres f land near Valdosta, in that State, and will convert it into a cattle ranch.

Danville Tobacco Concern Increases Capital to \$2,500,000—Industrial Notes From All Over State.

The Board of Supervisors of Lou-down County contemplate making ex-tensive public highway and bridge im-provements throughout that county the

The Graham Manufacturing Company have commenced the erection of their bir mattress factory, recently destroyed by fire.
S. A. & S. Ford, of Campbell County, are installing a modern water system on their model farm near Brookneal. neal.

New Construction Company Gets Busy. NORFOLK, VA., December 78.—The Seaboard Construction Company, recently incorporated with \$50,000 enpital stock, has been organized, with E. L. Garretson, as president and general manager, and Walter C. Rawles, secretary-treasurer. The company already has contracts

DENTON, N. C., December 28.—A new industrial plant is going up here. The Chamberlain-Garner Co., with authorized capital set at \$100,000, has been incorporated to build a plant here for the manufacture of fireless cookers. It is expected the plant will be completed and put in operation by early sories.

### COAL SITUATION SEEMS TO BE A LITTLE PUZZLING

Plenty of Puel That Was Mined at War-Time Cost-Blg Dealers nt Sen.

According to last week's review

According to last week's review of the coal situation as found in Black Diamond, the leading coal and fuel organ of the country, it would be hard for a prophet to see far into the future, but there seems to be held out very little hope of cheaper fuel for some time to come. The coal journal says: "Two or three mighty interesting things appear in the national coal market this week. The most interesting of these is the fact that the market is almost identically in the position that to the form of Interest About Busy People in Version of Control of Interest About Busy People in Version of Control of Interest About Busy People in Version of Interest Intere

duction has been abnormally increased by two advances in wages and steady advances in the cost of mine supplies. Wages have not come down and aro not likely to for a while. The prices or mining supplies show a tendency to rise. This naturally keeps the prices up.

up.
Also, many mining companies are facing a need to pay an enormous tax. Before this tax was assessed the money with which to pay it had either been spent or distributed. The operators have to keep prices up to get the money with which to pay their taxes.

Make Cars Start Easy.

SEE US TO-MORROW

Don't wait for snow and zero weather. We make 'em for every car. Our covers fit neatly.

# Crawford Trimming Co.

There's high quality, luxury and beauty The New in every detail of the Davis-the easi-est riding, easiest running car in its realize how much better it is than its Rawlings Motors "Essential 6" Incorporated.
RUSSELL H. RAWLINGS, President. 318 West Broad Street.



And one of the reasons why BUICK is BEST is that the Buick Valve-In-Head Motor is automatically lubricated throughout. Pistons and bearings are lubricated by a combined splash and positive pump system, with an oil pressure gauge on the dash and a gauge on the crank case.

The rocker arm shafts on top of the motor are fitted with oil cups, from which the oil passes into the center of the hollow shafts. These hollow shafts contain felt fibres, which are constantly saturated with oil, the outer edge of each hollow shaft being fitted with oil wicks, through which the oil passes to the push rods, insuring lubrication, and eliminating wear and the resultant

One filling of the oil cups is enough for

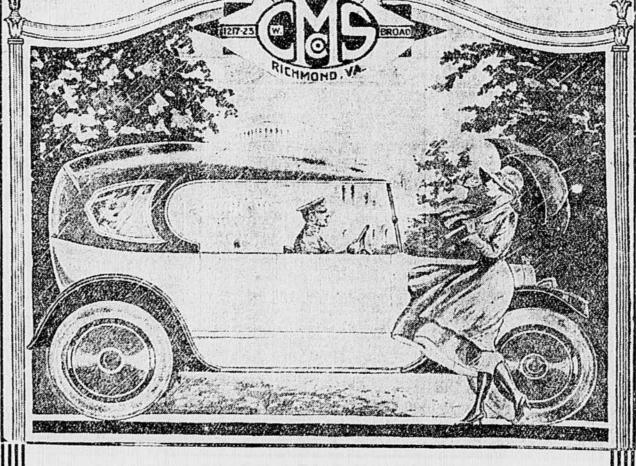
A removable dustproof cover over the top of the motor keeps the entire valve mechanism always clean and free from moisture, dust and foreign matter of every description.

There are fifty-one major improvements in the Series H Buick. We will gladly show you them.

Deliveries now.

# M.D. STONE MOTOR CO., Inc.

AUTOMOTIVE DEALERS. Broad at Shafer.



# Our Auto Tops Are of the **Better Kind**

They are pliable, serviceable and absolutely waterproof. See us also for side curtains, upholstering work and firstclass painting.

Our work will please you. Our prices are reasonable.

# Coburn Motor Sales Corporation

(H. J. Raymond, Manager.)

Phone Randolph 1640.

1217 W. Broad St.